

UBE Nylon 1030J

Polyamide 6

UBE Industries, Ltd.

Message:

Flexible

General Information			
Features	Good Flexibility		
Forms	Pellets		
Part Marking Code	>PA6-P<		
Physical	Nominal Value	Unit	Test Method
Density	1.14	g/cm ³	ISO 1183
Molding Shrinkage			Internal Method
Across Flow	2.0	%	
Flow	1.6	%	
Water Absorption (Equilibrium, 23°C, 50% RH)	2.0	%	Internal Method
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	700	MPa	ISO 527-2
Tensile Stress (Yield)	45.0	MPa	ISO 527-2
Tensile Strain (Break)	> 50	%	ISO 527-2
Flexural Modulus	700	MPa	ISO 178
Flexural Stress	30.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Unnotched Impact Strength	45	kJ/m ²	ISO 179
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, Unannealed	145	°C	ISO 75-2/B
1.8 MPa, Unannealed	50.0	°C	ISO 75-2/A

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